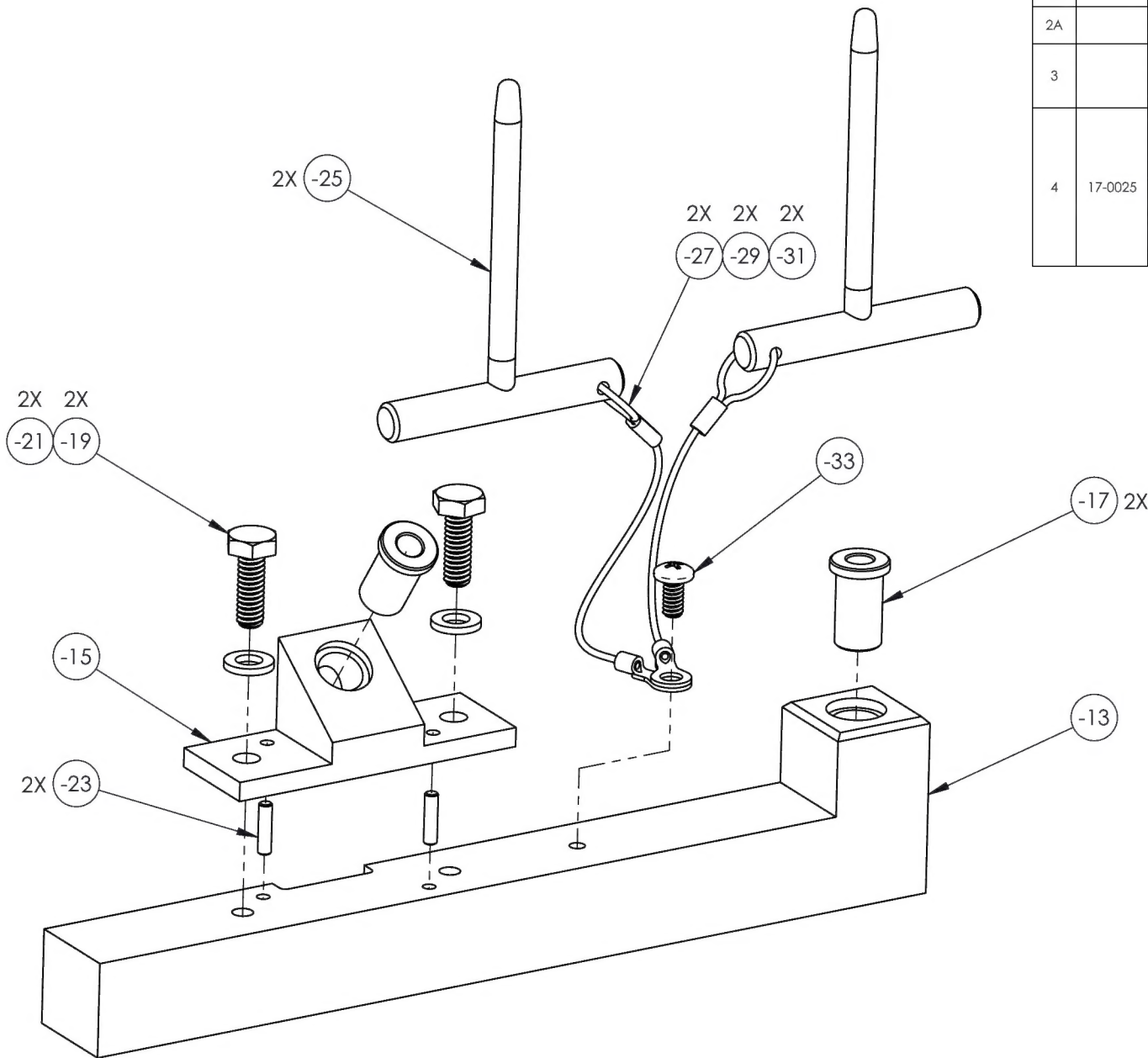


This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-15 LOCATOR HT., WAS 1.13±.010, NOW 1.105±.005.	8/21/2009	WP	
1A		CH'D P/N -23 FROM ROLL PIN PER WP.	9/29/2009	RJC	WP
2		CH'D -25 T-PIN FROM BUY OUT TO BEING MACHINED Ø.2490 TO Ø.2485 PER DAVE, ADDED PAGE 2.	11/12/2009	WP	RW
2A		CREATED SHEETS 3 & 4, MOVED COMPONENTS INTO SEPERATE SHEETS, REVISED BOM, ADDED NOTE 2, CH'D -25 FINISH FROM BLACK OXIDE TO BLACK ZINC.	9/8/2011	SE	RW
3		-13 DELETED R.062 IN BOTTOM OF CUTOUT, ADDED MISSING DIM 2X R.06, CH'D DIM WAS 2X Ø.125 P.F. -23 IS 2X LIMITS Ø.1244 TO .1249. -15 CH'D DIM WAS 2X Ø.125 IS 2X LIMITS Ø.1255 TO .1258. -19 ADDED B/O INFO #90945A761. -23 ADDED B/O INFO #98381A471. -27 ADDED B/O INFO #3897T31. -33 ADDED B/O INFO #91400A240. CH'D TOLERANCE ON NON-CRITICAL PARTS.	5/22/2014	DPD	GE
4	17-0025	UPDATED TO NEW STANDARDS. DELETED NOTE 1 & 2. -13 CH'D DIM WAS Ø.313 THRU L J Ø.563 Ψ .094 S.F. -17 Ø.4380/.4375 Ψ .94 P.F. -17 IS Ø.313 THRU ALL Ø.4380/.4375 Ψ .940 L J Ø.563 Ψ .094 (P.F. -17). WAS 2X 1/4-20 UNC THRU IS 2X 1/4-20 UNC - 2B THRU ALL. WAS #10-24 UNC Ψ .63 IS 10-24 UNC - 2B Ψ .63; REMOVED DIM 6.020, 1.125, .50; ADDED DIM 5.520, .625, 1.500, .250. -15 CH'D DIM WAS .500 IS 2X .500, WAS Ø.4380/.4375 THRU P.F. -17 L J Ø.563 Ψ .094 S.F. -17 IS Ø.4380/.4375 THRU (P.F. -17) L J Ø.563 Ψ .094 (S.F. -17). WAS 35° IS (35°); REMOVED DIM (.610), .175, .905, (.405). -23 CH'D MATERIAL WAS S.S. IS STEEL -25 CH'D DIM WAS 3.0 IS (3.0); CH'D FINISH AND SPEC WAS BLACK ZINC ASTM B633-85, TYPE II, CLASS II IS BLACK OXIDE QMSI-6.2.2, B.O. REV D. -27 CH'D B/O INFO WAS 7-19 STRAND; Ø1/16 X 8 MCMASTER-CARR #8930T52 IS Ø.062 X 8 (CARR LANE CL-2-C). -29 CH'D B/O INFO WAS Ø1/32 MCMASTER-CARR # 3897T31 IS ID.138 (CARR-LANE # CL-2-F). -31 CH'D B/O INFO WAS #10 IS #10 (CARR-LANE # CL-194-TERM).	1/30/2017	SM	JAG



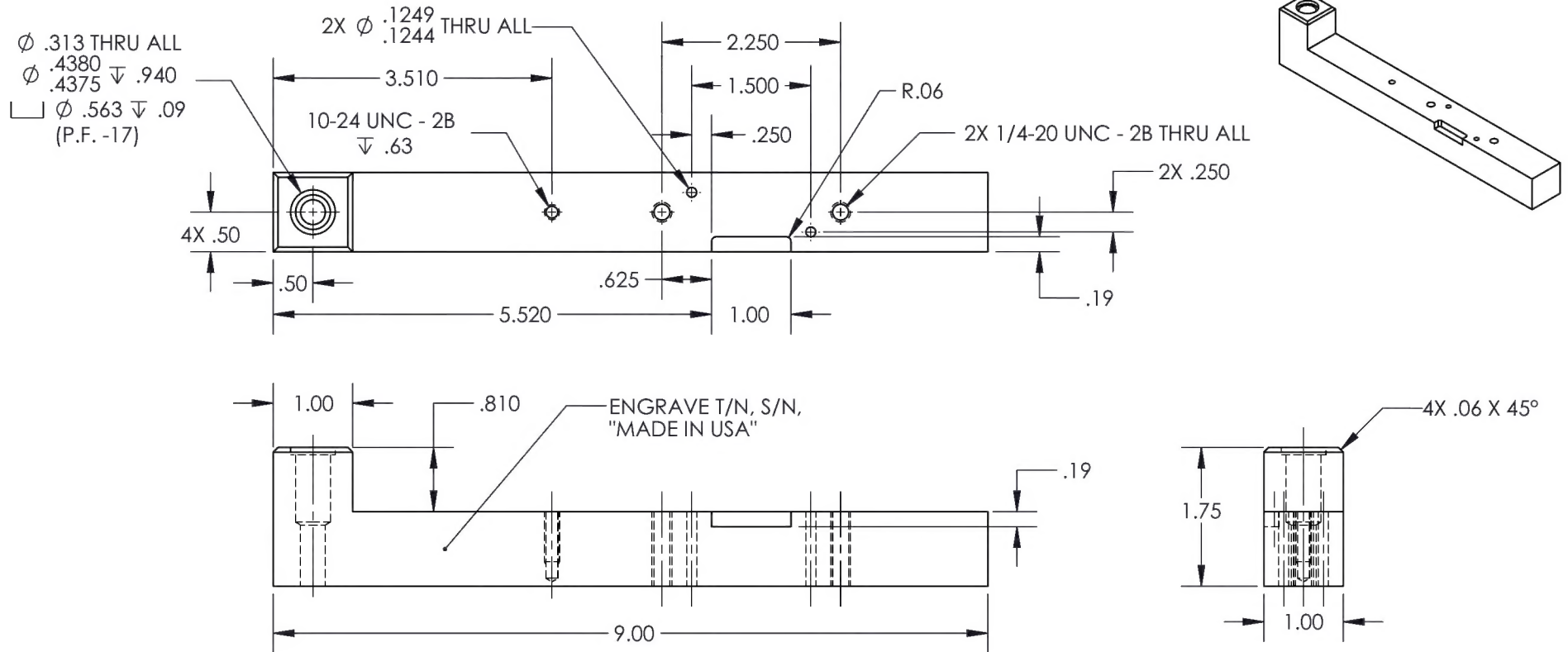
NOTE:
WHEN PRESSING -17 INTO -15 USE MACHINING
FIXTURE FOR -15. MAKE SURE TO INSERT SHIM
STOCK INTO GAP TO KEEP FIXTURE FROM
COLLAPSING WHEN PRESSING BUSHING.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-13	1	BLOCK	6061		2
			-15	1	LOCATOR	6061		3
		B/O	-17	2	DRILL BUSHING	STEEL	Ø1/4 X 3/4 (MCMASTER-CARR # 8492A141)	1
		B/O	-19	2	HEX HEAD CAP SCREW	S.S.	1/4-20 X 3/4 (MCMASTER-CARR # 92240A540)	1
		B/O	-21	2	WASHER	S.S.	Ø1/4 I.D. (MCMASTER-CARR # 90945A761)	1
		B/O	-23	2	DOWEL PIN	STEEL	Ø1/8 X 1/2 (MCMASTER-CARR # 98381A471)	1
			-25	2	T-PIN	STEEL	Ø1/4 X 3 (MCMASTER-CARR # 98021A419) MODIFIED	4
		B/O	-27	2	COATED LANYARD CABLE	COATED STEEL	Ø.062 X 8 (CARR-LANE CL-2-C)	1
		B/O	-29	2	FERRULE	METAL	ID.138 (CARR-LANE # CL-2-F)	1
		B/O	-31	2	WIRE CRIMP EYELET	METAL	#10 (CARR-LANE # CL-194-TERM)	1
		B/O	-33	1	MACHINE SCREW	S.S.	#10-24 X 3/8 (MCMASTER-CARR # 91400A240)	1

DART AEROSPACE			
TITLE PITCH LINK RIGGING BLOCK ASSEMBLY			
DWG NO. 269T1338-11			REV 4
MAT'L HEAT TREAT FINISH SPEC		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ±.5° .X ± .1 SURFACES = 125/✓	
DRAWN BY: PERRITT		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
CHECKED: RJC 02/01/2017		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR: AA 02/06/2017		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: JL 02/08/2017		USED ON MODEL	
APPROVED: JAG 02/21/2017		SCHWEIZER, SEE NOTES	
SCALE 2:3	DATE 8/15/2007	SHEET 1 OF 4	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3		-13 DELETED R.062 IN BOTTOM OF CUTOUT, ADDED MISSING DIM 2X R.06, CH'D DIM WAS 2X Ø.125 P.F. -23 IS 2X LIMITS Ø.1244 TO .1249.	5/22/2014	DPD	GE
4	17-0025	-13 CH'D DIM WAS Ø.313 THRU [] Ø.563 ∇ .094 S.F. -17 Ø.4380/.4375 ∇ .94 P.F. -17 IS Ø.313 THRU ALL Ø.4380/.4375 ∇ .94 [] Ø.563 ∇ .094 (P.F. -17). WAS 2X 1/4-20 UNC THRU IS 2X 1/4-20 UNC - 2B THRU ALL, WAS #10-24 UNC ∇ .63 IS 10-24 UNC - 2B ∇ .63; REMOVED DIM 6.020, 1.125, .50; ADDED DIM 5.520, .625, 1.500, .250.	1/30/2017	SM	JAG



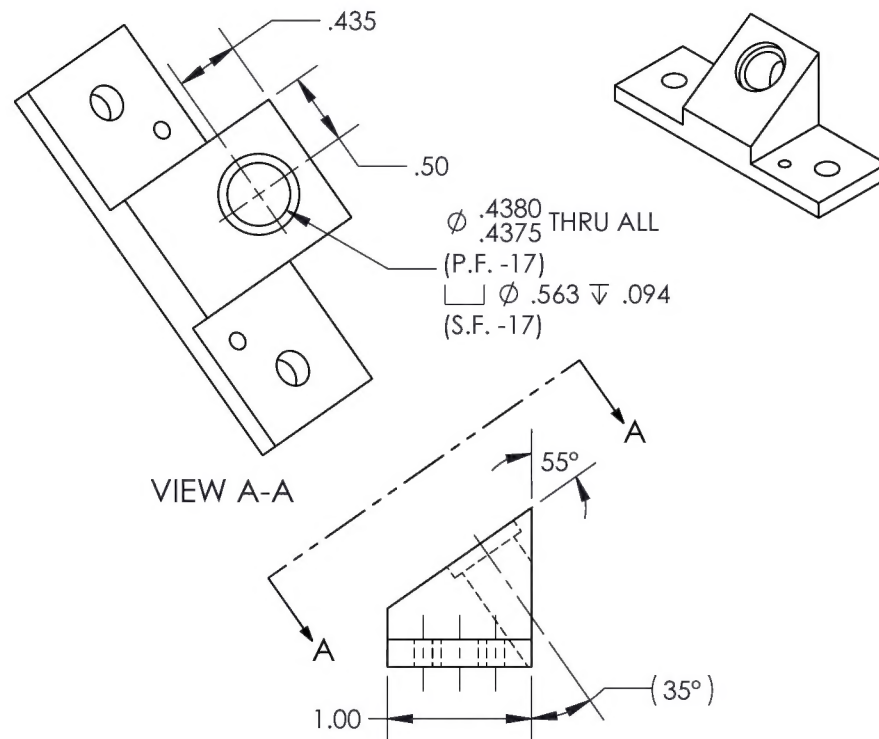
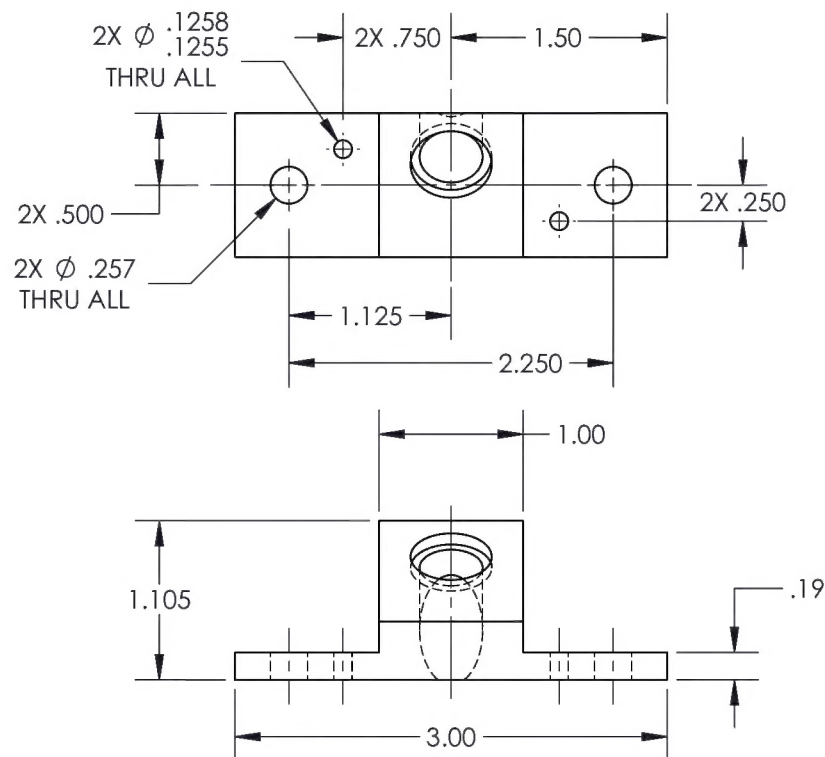
(-13)

BLOCK

DART AEROSPACE	
TITLE PITCH LINK RIGGING BLOCK ASSEMBLY	
DWG NO. 269T1338-11-13	REV 4
MAT'L 6061	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX \pm .005 FRACTIONS \pm 1/8
FINISH BLACK ANODIZE	.XX \pm .01 ANGLES \pm 5°
SPEC MIL-A-8625F, TYPE II, CLASS II	.X \pm .1 SURFACES = 125
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: RJC 02/01/2017	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: AA 02/06/2017	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: JL 02/08/2017	USED ON MODEL
APPROVED: JAG 02/21/2017	SCHWEIZER, SEE NOTES
SCALE 1:2	DATE 8/15/2007
SHEET 2 OF 4	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-15 LOCATOR HT., WAS 1.13±.010, NOW 1.105±.005	8/21/2009	WP	DW
3		-15 CH'D DIM WAS 2X Ø.125 IS 2X LIMITS Ø.1255 TO .1258.	5/22/2014	DPD	GE
4	17-0025	-15 CH'D DIM WAS .500 IS 2X .500, WAS Ø.4380/.4375 THRU P.F. -17 \square Ø.563 ∇ .094 S.F. -17 IS Ø.4380/.4375 THRU (P.F. -17) \square Ø.563 ∇ .094 (S.F. -17), WAS 35° IS (35°); REMOVED DIM (.610), .175, .905, (.405).	1/30/2017	SM	JAG

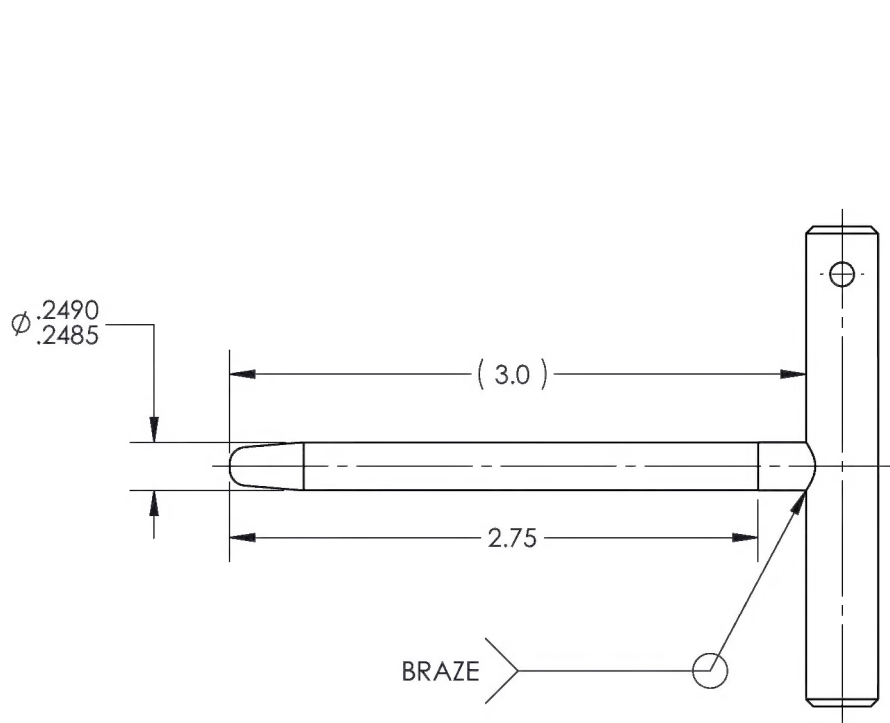


(-15)
LOCATOR

DART AEROSPACE	
TITLE PITCH LINK RIGGING BLOCK ASSEMBLY	
DWG NO. 269T1338-11-15	REV 4
MAT'L 6061	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH BLACK ANODIZE	.XX ± .01 ANGLES ±.5°
SPEC MIL-A-8625F, TYPE II, CLASS II	.X ± .1 SURFACES = 125
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: RJC 02/01/2017	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: AA 02/06/2017	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: JL 02/08/2017	USED ON MODEL
APPROVED: JAG 02/21/2017	SCHWEIZER, SEE NOTES
SCALE 3:4	DATE 8/15/2007
SHEET 3 OF 4	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
4	17-0025	-25 CH'D DIM WAS 3.0 IS (3.0); CH'D FINISH AND SPEC WAS BLACK ZINC ASTM B633-85, TYPE II, CLASS II IS BLACK OXIDE QMSI-6.2.2, B.O. REV D.	1/30/2017	SM	JAG



NOTE:
REMOVE PIN FROM HANDLE, MACHINE PIN TO SIZE,
INSTALL AND BRAZE PIN TO HANDLE.

(-25)

T-PIN

DART AEROSPACE																							
TITLE PITCH LINK RIGGING BLOCK ASSEMBLY																							
DWG NO. 269T1338-11-25	REV 4																						
<table border="1"> <tr> <td>MAT'L STEEL</td> <td>UNLESS OTHERWISE SPECIFIED</td> </tr> <tr> <td>HEAT TREAT</td> <td>DIMENSIONS ARE IN INCHES</td> </tr> <tr> <td>FINISH BLACK OXIDE</td> <td>.XXX ± .005 FRACTIONS ± 1/8</td> </tr> <tr> <td>SPEC QMSI-6.2.2, B.O. REV D</td> <td>.XX ± .01 ANGLES ± 5°</td> </tr> <tr> <td>DRAWN BY: PERRITT</td> <td>.X ± .1 SURFACES = 125</td> </tr> <tr> <td>CHECKED: RJC 02/01/2017</td> <td>1. BREAK ALL SHARP EDGES</td> </tr> <tr> <td>OPPS APPR: AA 02/06/2017</td> <td>.015 x 45° OR .015R</td> </tr> <tr> <td>QA APPR: JL 02/08/2017</td> <td>2. DIMENSIONAL LIMITS APPLY AFTER PLATING</td> </tr> <tr> <td>APPROVED: JAG 02/21/2017</td> <td>3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009</td> </tr> <tr> <td>SCALE 1:1</td> <td>DATE 8/15/2007</td> </tr> <tr> <td colspan="2">SHEET 4 OF 4</td> </tr> </table>		MAT'L STEEL	UNLESS OTHERWISE SPECIFIED	HEAT TREAT	DIMENSIONS ARE IN INCHES	FINISH BLACK OXIDE	.XXX ± .005 FRACTIONS ± 1/8	SPEC QMSI-6.2.2, B.O. REV D	.XX ± .01 ANGLES ± 5°	DRAWN BY: PERRITT	.X ± .1 SURFACES = 125	CHECKED: RJC 02/01/2017	1. BREAK ALL SHARP EDGES	OPPS APPR: AA 02/06/2017	.015 x 45° OR .015R	QA APPR: JL 02/08/2017	2. DIMENSIONAL LIMITS APPLY AFTER PLATING	APPROVED: JAG 02/21/2017	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	SCALE 1:1	DATE 8/15/2007	SHEET 4 OF 4	
MAT'L STEEL	UNLESS OTHERWISE SPECIFIED																						
HEAT TREAT	DIMENSIONS ARE IN INCHES																						
FINISH BLACK OXIDE	.XXX ± .005 FRACTIONS ± 1/8																						
SPEC QMSI-6.2.2, B.O. REV D	.XX ± .01 ANGLES ± 5°																						
DRAWN BY: PERRITT	.X ± .1 SURFACES = 125																						
CHECKED: RJC 02/01/2017	1. BREAK ALL SHARP EDGES																						
OPPS APPR: AA 02/06/2017	.015 x 45° OR .015R																						
QA APPR: JL 02/08/2017	2. DIMENSIONAL LIMITS APPLY AFTER PLATING																						
APPROVED: JAG 02/21/2017	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009																						
SCALE 1:1	DATE 8/15/2007																						
SHEET 4 OF 4																							
USED ON MODEL SCHWEIZER, SEE NOTES																							